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Customer No. 000959
Attorney Docket No. DFN-038

JCS20 U.S. PTO
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COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

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"Express Mail" Mailing Label Number EL 848 027 980 US
Date of Deposit February 5, 2002
I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Box Patent Application, Washington, DC 20231.
Larry Taylor
Signature Larry Taylor
Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Bruce Spiegelman and Cliff Yoon

For: "Methods And Compositions For Modulating Gluconeogenesis Using PGC-1"

Enclosed are:

- ☒ 90 pages of Specification, 8 pages of Claims and 1 page of Abstract;
- ☒ 13 sheets of Drawings (Figures 1-12B);
- ☒ 5 pages of unexecuted Declaration, Petition and Power of Attorney;
- ☒ Transmittal Letter for Diskette Containing Sequence Listing;
- ☒ 14 pages of Sequence Listing (Numbered 1-14);
- ☒ Diskette Containing Sequence Listing;
- ☒ Application Data Sheet (2 pages); and
- ☒ Pre-paid acknowledgment postcard.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	////////////////////	
TOTAL CLAIMS	77 - 20	= 57
INDEP. CLAIMS	5 - 3	= 2
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
////////	\$ 370.00
x 9=	\$ 513.00
x 42	\$ 84.00
+240	\$
TOTAL	\$967.00

OTHER THAN SMALL ENTITY	
RATE	FEE
////////	\$
x 18=	\$
x 84	\$
+280	\$
TOTAL	0

☒ FILING FEES ARE NOT BEING PAID AT THIS TIME.

☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____

- ☐ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.

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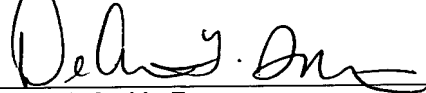
- ☒ Applicant claims small entity status under 37 C.F.R. §1.27.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. _____.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
 - ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
 - ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to **DeAnn F. Smith, Esq. at Customer No. 000959** whose address is:

Lahive & Cockfield, LLP
28 State Street
Boston, Massachusetts 02109

Date: **February 5, 2002**

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



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